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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	Div of 09/645,827 10/824,855
Filing Date	4-15-2004
First Named Inventor	Dale C. Flanders
Art Unit	2874
Examiner Name	Wood
Attorney Docket Number	1000.06 Div

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KSW		US- 4,528,747	07-16-1985	Hoffman et al.	
KSW		US- 4,702,556	10-27-1987	Ishii et al.	
KSW		US- 4,773,727	09-27-1988	LePivert et al.	
KSW		US- 4,778,241	10-18-1988	Haltenthorn	
KSW		US- 5,351,330	09-27-1994	Jongewaard	
KSW		US- 5,570,444	10-29-1996	Janssen et al.	
KSW		US- 5,600,749	02-04-1997	Lee et al.	
KSW		US- 5,745,624	04-28-1988	Chan et al.	
KSW		US- 5,870,518	02-09-1999	Haake et al.	
KSW		US- 6,053,640	04-25-2000	Miyokawa et al.	
KSW		US- 6,074,103	06-13-2000	Hargreaves et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
KSW		WO 91/06022	05-02-1991			
KSW		EP 0 647 091	04-05-1995			
KSW		EP 1 093 162 A1	04-18-2001			
KSW		FR 2 690 996	11-12-1993			
KSW		GB 2 296 100	06-19-1996			
KSW		WO 98/58287	12-23-1998			

Examiner
Signature*Kem S. Wood*Date
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Sheet	2	of	4
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Attorney Docket Number	1000.06 Div.

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		Examiner Name	Wood
Sheet 3	of 4	Attorney Docket Number	1000.06 Div

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KSW		KNIGHT, J. Douglas et al., "A Two-Axis Micropositioner for Optical Fiber Alignment," Hewlett-Packard Journal, 44 (1993) December, No. 6, Palo Alto, CA.	
KSW		KRAVITZ, S.H. et al., "A Passive Micromachined Device for Alignment of Arrays of Single-mode Fibers for Manufacturable Photonic Packaging," Proceedings of the Lasers and Electro-Optics Society Annual Meeting (Leos), US, New York, vol. Meeting 7, Oct. 31, 1994, pp 226-227.	
KSW		ANDREASCH, Wolfgang et al., "Flexible Automated Assembly of Micro-Optical Elements (Optical SMD), Proc. SPIE, Vol. 2906, pp 162-170, Microrobotics: Components and Applications, Armin Sulzmann: Ed, published 12/1996.	
KSW		ENOCHS, Scott, "A Packaging Technique to Achieve Stable Single-Mode Fiber to Laser Alignment," Proc. SPIE, Vol. 703, pp 42-47, Integration and Packaging of Optoelectronic Devices (1986).	
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KSW		ROGNER, A. et al., "LIGA-based Flexible Microstructures for Fiber-Chip Coupling," J. Micromech. Microeng. 1 (1991) pp 167-170.	
KSW		SCUSSAT, M. et al., "An innovative Flexible and Accurate Packaging Technique Suited to Fabricate Low Cost Micro Optoelectronic Modules," Electronic Components and Technology Conference, IR-IOA, DMT, EPFL, 1015 Lausanne, Switzerland (2000).	
KSW		SCUSSAT, Marco et al., "Automated Surface Mounting of Miniature Optical Elements," DMT, EPFL, 1015 Lausanne, Switzerland (1998).	

Examiner Signature	<i>Kern & Wood</i>	Date Considered	9/21/05
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KSW		SHARPE, William N. et al., "Mechanical Properties of LIGA-Deposited Nickel for MEMS Transducers, 1997 International Conference on Solid-State Sensor and Actuators, Chicago, June 16-19, 1997.	
KSW		WURSCH, Alain et al., "An Innovative Micro Optical Elements Assembly Robot Characterized by High Accuracy and Flexibility," Electronic Components Conference 2000, DMT, EPFL, 1015 Lausanne, Switzerland (2000).	
KSW		ZIEGLER, P. et al., "Passive Alignment and Hybrid Integration of Active and Passive Optical Components on a Microoptical LIGA-Bench," Micro Opto Electro Mechanical Systems - MOEMS '99, pp 186-189.	

Examiner Signature	<i>Ken J Wood</i>	Date Considered	9/21/05
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